



**United States Environmental Protection Agency
Region 9 Laboratory**

1337 S. 46th Street Building 201
Richmond, CA 94804

Date: 10/8/2014
Subject: Analytical Testing Results - Project R14N02
SDG: 14262B
From: Duane James, Acting Director
EPA Region 9 Laboratory
MTS-2
To: Eugene E. Bromley
NPDES Permits Section
WTR-2-3

A handwritten signature, likely of Duane James, is written in black ink to the right of the "From:" field.

Attached are the results from the analysis of samples from the **Southern California Oil Platforms Spring 2014** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Amy Wagner, the Lab Project Manager at (510)412-2300.

Electronic CC: Dave Panzer, david.panzer@mms.gov
Susan Zaleski, susan.zaleski@boem.gov
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Analyses included in this report:

Ammonia as N

Sulfide by Titration



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Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Eugene E. Bromley	NPDES Permits Section	SDG: 14262B
Project Number: R14N02	75 Hawthorne Street	Reported: 10/08/14 12:51
Project: Southern California Oil Platforms Spring 2014	San Francisco CA, 94105	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
Hidalgo	1409047-01	Water	09/18/14 12:00	09/19/14 10:15
Hermosa	1409047-02	Water	09/18/14 12:30	09/19/14 10:15
Harvest	1409047-03	Water	09/18/14 13:30	09/19/14 10:15

SDG ID 14262B

Work Order(s)

1409047



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed Method
Lab ID:	1409047-01							Water - Sampled: 09/18/14 12:00
Sample ID:	Hidalgo							Conventional Chemistry Parameters by APHA/EPA Methods
Sulfide		97		0.98	mg/L	B14I125	09/25/14	09/25/14 SM 4500 S2-/SOP:
Lab ID:	1409047-02							Water - Sampled: 09/18/14 12:30
Sample ID:	Hermosa							Conventional Chemistry Parameters by APHA/EPA Methods
Sulfide		69		1	mg/L	B14I125	09/25/14	09/25/14 SM 4500 S2-/SOP:
Lab ID:	1409047-03							Water - Sampled: 09/18/14 13:30
Sample ID:	Harvest							Conventional Chemistry Parameters by APHA/EPA Methods
Ammonia as N	RE2	160		0.50	mg/L	B14I135	09/25/14	09/26/14 350.1/SOP590
Sulfide		73		0.99	"	B14I125	09/25/14	09/25/14 SM 4500 S2-/SOP:

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B14I125 - Sulfide Prep - Sulfide										
Prepared & Analyzed: 09/25/14										
Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control										
Blank (B14I125-BLK1)										
Sulfide	ND	U		1 mg/L						
LCS (B14I125-BS1)										
Sulfide	9.65			mg/L	9.98		97	80-120		200
Batch B14I135 - - General Inorganic - Nitrogen, Ammonia										
Prepared: 09/25/14 Analyzed: 09/26/14										
Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control										
Blank (B14I135-BLK1)										
Ammonia as N	ND	U		0.05 mg/L						
LCS (B14I135-BS1)										
Ammonia as N	5.08			0.05 mg/L	5.00		102	90-110		200
Matrix Spike (B14I135-MS2)										
Ammonia as N	166	Q10		0.5 mg/L	5.00	160	120	90-110		10
Matrix Spike Dup (B14I135-MSD2)										
Ammonia as N	169	Q10		0.5 mg/L	5.00	160	180	90-110	2	10



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Qualifiers and Comments

Q10 The analyte concentration in the unfortified sample is significantly greater than the concentration spiked into the matrix spike and matrix spike duplicate. The reported spike recovery is not a meaningful measure of the dataset's analytical accuracy.

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.